



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Art Unit 2856

Examiner: Rose Mary Miller

Confirmation No: 7971

Applicant: David Mark Blunt

Serial No: 10/764,044

Filed: January 23, 2004

For: SYNCHRONOUS AVERAGING OF
EPICYCLIC SUN GEAR VIBRATION

Pasadena, California
November 19, 2004

SUPPLEMENTARY DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Examiner's attention is directed to the following:

References 1, 2, 3, 4, 5 and 8 are enclosed. References 6,
7 and 9, are not yet available.

Copies of the above references are enclosed. They
are believed not to teach, suggest or otherwise render
obvious the invention as disclosed or claimed herein.

11/24/2004 ZJUHAR1 00000099 10764044

01 FC:1806

180.00 OP

Respectfully submitted,


William W. Haefliger
Attorney for Applicant
Registration No. 17,120
Area Code 323 684-2707

WWH:hk

Enc.

Docket 12,469

Please type a plus sign (+) inside this box → +

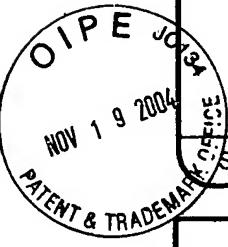
PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

, Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/764,044
				Filing Date	Jan. 23, 04
				First Named Inventor	David Mark Blunt
				Group Art Unit	2856
				Examiner Name	Rose Mary Miller
				Attorney Docket Number	12,469
Sheet	1	of	1		



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

三

1

of

1

Complete if Known

Application Number	10/764,044
Filing Date	Jan.23.04
First Named Inventor	David Mark Blunt
Group Art Unit	2856
Examiner Name	Rose Mary Miller
Attorney Docket Number	12,469

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

O I P E JC18
NOV 19 2004
PATENT & TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	12,469
-------	---	----	---	------------------------	--------

Complete if Known

Application Number	10/76,044
Filing Date	Jan. 23, 2004
First Named Inventor	David Mark Blunt
Art Unit	2856
Examiner Name	Rose Mary Miller

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Forrester: A Method for The Separation of Epicyclic Planet Gear Vibration Signatures	
	4	Howard: An Investigation of Vibration Signal Averaging of Individual Components in an Epicyclic Gearbox"	
	5	McFadden: The Detection of Seeded Faults in an Epicyclic Gearbox by Signal Averaging of the Vibration	
	8	McFadden: A Model for the Extraction of Periodic Waveforms by Time Domain Averaging	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.